

## NOTICE TO SUBMIT RESPONSE

### Patent Applicant

Name: Samsung Electronics Co., Ltd. (Applicant Code: 119981042713)  
Address: 416 Maetan-3-dong, Paldal-gu, Suwon-City,  
Kyunggi-do, Korea

### Attorney

Name: Young-pil Lee et al.  
Address: 2F Cheonghwa Bldg., 1571-18 Seocho-dong, Seocho-ku, Seoul,  
Korea

Application No.: 10-2000-0086284

**RECEIVED**

JUN 26 2003

Title of the Invention: Object activity modeling method

**Technology Center 2600**

According to Article 63 of the Korean Patent Law, the applicant is notified that the present application has been rejected for the reasons given below. Any Argument or Amendment which the applicant may wish to submit, must be submitted by July 17, 2003. An indefinite number of one-month extensions in the period for submitting a response may be obtained upon request, however no official confirmation of the acceptance of a request for an extension will be issued.

### Reasons

The invention as claimed in claim 1 could have been easily invented by one of ordinary skill in the art prior to the filing of the application, and thus this application is rejected according to Article 29(2) of the Korean Patent Law.

The present invention claimed in claim 1 claims an object activity modeling method for effectively analyzing the object activity such as human activities. However, Japanese Laid-open Patent Hei. 10-255070 (issued on 25 September 1998) has disclosed a three-dimensional image generating device that generates a highly realistic expression following a change in the expression of an inputted moving image of a certain person on a three-dimensional face wire frame model (3D face WFM) corresponding to the face of another person. The 3D image generating device estimates a speed vector of a face input moving image, extracts a feature vector from the speed vector, recognizes the expression of the face input moving image by calculating output stability and state probability, converts

the expression of the face input moving image, and generates a 3D face moving image of another person. Accordingly, the present invention can be easily achieved by the cited reference.

Enclosure: Cited reference : Japanese Laid-open Patent Hei. 10-255070 (issued on 25 September 1998)

17 May 2003

Hee-Yong Yang/Examiner  
Video recording or reproducing apparatus part  
Examination Division 4  
Korean Industrial Property Office